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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): ANDERSON et al.

Serial No.: 10/061,969

Filed: January 25, 2002

Title: Microarrays and Their Manufacture by
Slicing

Attorney Docket No.: 41550

Group Art Unit: 1641

Examiner: Christopher L. CHIN

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97 AND 1.98

Sir:

Attached hereto are copies of Forms 1449 and Forms 892 that were submitted to or cited by the U.S. Patent and Trademark Office in Application No. 09/774,794, filed February 1, 2001; Application No. 09/772,974, filed January 31, 2001; Application No. 09/628,339, filed July 28, 2000; and Application No. 09/482,460, filed January 13, 2000, which relied upon for an earlier filing date under 35 U.S.C. 120. Thus, copies of these cited references are not attached since they are available in the parent files. 37 CFR 1.98(d).

It is respectfully requested that the cited information on the attached Forms 1449 and Forms 892 be expressly considered during the prosecution of this application, and that the references be made record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

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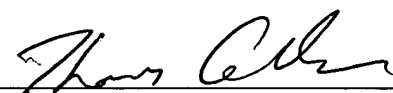
U.S. Patent Application No. 10/061,969
Attorney Docket No.: 41550

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is hereby authorized to charge payment of \$180.00 under 37 CFR 1.17(p) in connection with the instant application to Deposit Account No. 500933.

Date: 20 April 2005

Respectfully submitted,


Thomas Gallegos, Reg. No. 32,692
Sr. Director, Intellectual Property

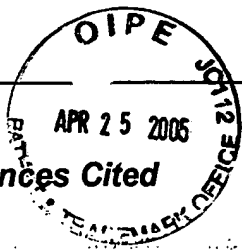
Large Scale Biology Corporation
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Fax: (707) 446-3917

I hereby certify that this Correspondence is being deposited with the United States Postal service with sufficient postage for first class mail in an envelope address to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Date of Deposit: 20 April 2005

By: 
Thomas Gallegos, Reg. No. 32,692

Notice of References Cited



Application/Control No.

09/774,794

Applicant(s)/Patent Under
Reexamination
ANDERSON ET AL.

Examiner

Nelson Yang

Art Unit

1641

Page 1 of 1

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	B	US-6,037,186	03-2000	Stimpson, Don	436/518
	C	US-6,534,270	03-2003	Kim et al.	435/6
	D	US-			
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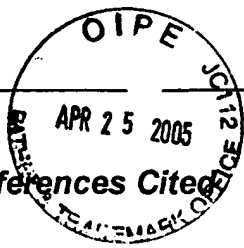
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NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
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*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

**Notice of References Cited**

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	B	US-6,366,726	04-2002	Wach et al.	385/115
	C	US-4,459,360	07-1984	Marinkovich, Vincent A.	436/513
	D	US-4,981,653	01-1991	Marino, Rebecca A.	422/56
	E	US-6,210,910	04-2001	Walt et al.	435/7.32
	F	US-6,174,424	01-2001	Wach et al.	205/73
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Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
41039SERIAL NO.
09/774,794INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)APPLICANT
Anderson et al.
FILING DATE
1 February 2001GROUP
1641

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 9 8 1 6 5 3	01/31/91	Marino			
	6 1 4 0 1 3 5	10/31/00	Landegren et al.			
	4 4 5 9 3 6 0	07/10/84	Marinkovich			
	6 2 1 0 9 1 0	04/03/01	Walt et al.			
	4 7 0 8 9 3 1	11/24/87	Christian			

FOREIGN PATENT DOCUMENTS

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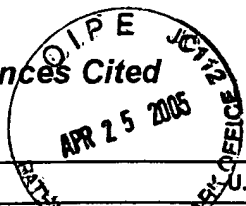
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

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Notice of References Cited



Application/Control No.

09/772,974

Applicant(s)/Patent Under
Reexamination
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Examiner

Gary W. Counts

Art Unit

1641

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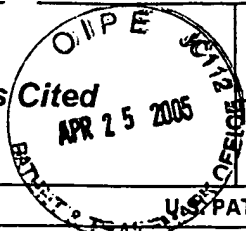
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	B	US-4264408	04-1981	Benham et al	156/629
	C	US-5512131	04-1996	Kumar et al	156/655.1
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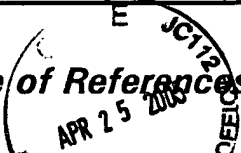
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Notice of References Cited 	Application/Control No. 09/628,339	Applicant(s)/Patent Under Reexam Anderson et al	
	Examiner Chris Chin	Art Unit 1641	Page 1 of 1

U.S. PATENT DOCUMENTS

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EPTO 1449 APR 25 2003 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 40583	SERIAL NO. 09/628,339
	APPLICANT Norman G. ANDERSON			
	FILING DATE July 28, 2000		GROUP 1744	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 7 0 8 9 3 1	24 Nov 1987	Christian			
	6 2 1 0 9 1 0	3 Apr 2001	Walt et al.			
	6 1 4 0 1 3 5	31 Oct 2000	Landegren et al.			
	4 9 8 1 6 5 3	1 Jan 1991	Marino			
	4 4 5 9 3 6 0	10 Jul 1984	Marinkovich			

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
8 7 0 3 9 6 5	2 Jul 1987	WIPO			
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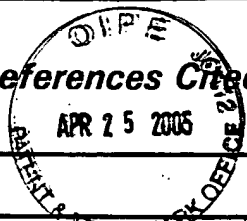
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Applicant/Patent
Anderson et al

Application/Control No.
09/628,339

Examiner
Chris Chin

Art Unit
1641

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A	5,814,524	9/1998	Walt et al	436	518
B	6,210,910	4/2001	Walt et al	435	7.32
C					
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FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Norman G. ANDERSON								
				FILING DATE July 28, 2000		GROUP 1744						
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	5	7	6	3	1	7	5	06/09/98	Brenner			
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	4	8	9	6	3	6	3	01/23/90	Taylor et al.			
	5	7	5	1	6	2	9	05/12/98	Nova et al.			
	5	8	7	4	2	1	4	02/23/99	Nova et al.			
	5	9	2	5	5	6	2	07/20/99	Nova et al.			
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	5	2	7	3	6	5	6	12/28/93	Anderson et al.			
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FOREIGN PATENT DOCUMENTS												
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	9	7	4	1	0	9	3	11/06/97	WO			
	9	6	4	0	9	8	7	12/19/96	WO			
	9	6	4	0	2	0	4	12/19/96	WO			
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	Arnold MA., "Enzyme-based fiber optic sensor." <i>Anal Chem</i> (1985) 57:565-566.											
	Bronk et al., "Fabrication of patterned sensor arrays with arylazides on a polymer-coated imaging optical fiber bundle." <i>Anal Chem</i> (1994) 66:3519-3520.											
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APPLICANT
Norman G. ANDERSONFILING DATE
July 28, 2000GROUP
1744

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 9 9 0 1 1 2	11/23/99	Campbell et al.			
	5 9 3 2 5 7 9	08/03/99	Campbell et al.			
	5 9 3 2 4 3 3	08/03/99	Schatz			
	5 9 2 2 5 4 5	07/13/99	Dower et al.			
	5 9 1 7 0 1 6	06/29/99	Holmes			
	5 8 8 0 0 9 6	03/09/99	Barrett et al.			
	5 8 1 1 2 3 8	09/22/98	Stemmer et al.			
	5 7 3 9 3 8 6	04/14/98	Holmes			
	5 7 2 8 8 0 2	03/17/98	Barrett et al.			
	5 7 2 3 5 8 4	03/03/98	Schatz			
	5 6 6 8 1 1 0	09/16/97	Barrett et al.			
	5 6 5 5 5 6 0	08/12/97	Kedar et al.			
	5 6 4 8 4 5 8	07/15/97	Cwirla et al.			
	5 6 2 4 7 1 1	04/29/97	Fujimoto et al.			

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9 6 3 9 1 6 5	12/12/96	WO				
9 6 3 3 7 3 6	10/31/96	WO				
9 6 2 9 0 8 8	09/26/96	WO				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

Gautler et al., "Fiber optic biosensor based on luminescence and immobilized enzymes: Microdetermination of sorbitol, ethanol and oxaloacetate." <i>J Biolum Chemilum</i> (1990) 5:57-63.
Walt et al., "Self regenerating fiber optic sensors." In <u>Direct Monitoring of Antigen-Antibody Interactions by Special Interferometry</u> . ACS Symposium Series (1995) 586:186-196.

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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		9	6	1	6	3	3	3	05/30/96	WO					

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	Ferguson et al., "A fiber-optic DNA biosensor microarray for the analysis of gene expression." Nat Biotech (1996) 14:1681-1684.

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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
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Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 40583		SERIAL NO. 09/628,339							
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Norman G. ANDERSON		GROUP 1744							
				FILING DATE July 28, 2000									
U.S. PATENT DOCUMENTS													
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09/628,339

INFORMATION DISCLOSURE CITATION

APPLICANT
Norman G. ANDERSONFILING DATE
July 28, 2000GROUP
1744

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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	4 2 3 8 7 5 7	12/09/80	Schenck			

FOREIGN PATENT DOCUMENTS

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INFORMATION DISCLOSURE CITATION Use several sheets if necessary)				APPLICANT Norman G. ANDERSON			
				FILING DATE July 28, 2000		GROUP 1744	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)							
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1744

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 9 4 5 5 2 2	08/31/99	Cohen et al.			

FOREIGN PATENT DOCUMENTS

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		9 1 3 5 0 7	01/22/98	EP				
		7 0 8 4 8 3	04/24/96	EP				

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1744

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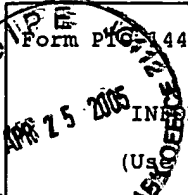
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

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	INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		APPLICANT Norman G. ANDERSON	
			FILING DATE July 28, 2000	GROUP 1744

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 5 8 5 2 7 5	12/17/96	Hudson et al.			
	5 6 9 0 8 9 4	11/25/97	Pinkel et al.			

FOREIGN PATENT DOCUMENTS

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	9 6 1 1 7 4	12/01/99	EP				
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APPLICANT
Norman G. ANDERSONFILING DATE
July 28, 2000GROUP
1744

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 8 1 7 7 5 1	10/06/98	Szardenings et al.			
	5 7 8 6 3 3 1	07/28/98	Barrett et al.			

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

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		APPLICANT Norman G. ANDERSON					
		FILING DATE July 28, 2000		GROUP 1744			
U.S. PATENT DOCUMENTS							
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)							
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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Norman G. ANDERSON			
				FILING DATE July 28, 2000		GROUP 1744	

U.S. PATENT DOCUMENTS									
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	6 0 2 7 8 9 4	02/15/00	Trulson et al.						
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	5 9 7 4 1 6 4	10/26/99	Chee						
	5 9 6 8 7 4 0	10/19/99	Fodor et al.						
	5 9 4 5 3 3 4	08/31/99	Besemer et al.						
	5 8 7 4 2 1 9	02/23/99	Rava et al.						

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	OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

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Sheet 15 of 15

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			APPLY. DOCKET NO. 40583		SERIAL NO. 09/628,339						
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)					APPLICANT Norman G. ANDERSON								
					FILING DATE July 28, 2000		GROUP 1744						
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EXAMINER									DATE CONSIDERED				
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Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 39738		SERIAL NO. 09/482,460		
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		Adams, et al.						
		Yacynych						
FOREIGN PATENT DOCUMENTS								
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		7	1	3	0	0		
		WO						
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)								
u		Arnold MA., "Enzyme-based fiber optic sensor." Anal Chem (1985) 57:565-566.						
		Bronk et al., "Fabrication of patterned sensor arrays with arylazides on a polymer-coated imaging optical fiber bundle." Anal Chem (1994) 66:3519-3520.						
		Gautler et al., "Fiber optic biosensor based on luminescence and immobilized enzymes: Microdetermination of sorbitol, ethanol and oxaloacetate." J Biol Chem (1990) 265:57-63.						
		Walt et al., "Self regenerating fiber optic sensors." In Direct Monitoring of Antigen-Antibody Interactions by Special Interferometry. ACS Symposium Series (1995) 586:186-196.						
u		Ferguson et al., "A fiber-optic DNA biosensor microarray for the analysis of gene expression." Nat Biotech (1996) 14:1681-1684.						
EXAMINER					DATE CONSIDERED			
e. Chin					12/7/03			
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>								

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